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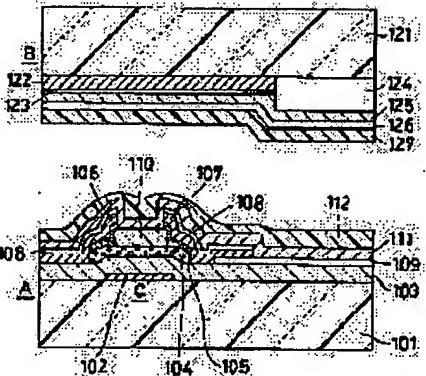
(21)Application number : 03-236994 (71)Applicant : NEC CORP  
(22)Date of filing : 23.08.1991 (72)Inventor : KUDO YASUKI

## (54) ACTIVE MATRIX LIQUID CRYSTAL PANEL

### (57)Abstract:

**PURPOSE:** To suppress the off-current of TFT elements and to improve the characteristic to hold a signal voltage by lowering the incident level of reflected light on the amorphous silicon films (a-Si films) of the TFT element.

**CONSTITUTION:** This liquid crystal panel is formed by disposing a TFT substrate A which is constituted by forming gate electrodes 102, gate insulating films 103, a-Si films 104, insulating films 110, (n) type a-Si films 105, drain electrodes 106, source electrodes 107, picture element electrodes 109, etc., on a glass substrate 101 and a counter electrode substrate B which is constituted by forming a black matrix 122, color filters 124, an over coat 125, counter electrodes 126, etc., on a glass substrate 121. Chromium oxide films 108, 123 are provided on the source and drain electrodes and/or the black matrix of the above-mentioned panel.



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